$\begin{array}{c} \mbox{University of California, Berkeley} \\ \mbox{Physics 110A Fall 2001} & \mbox{Section 1} \ (\textit{Strovink}) \end{array}$

Problem Set 10

- **1.** Griffiths 9.19
- **2.** Griffiths 9.20
- **3.** Griffiths 9.21
- **4.** Griffiths 11.3
- 5. Griffiths 11.4. You need calculate only the time average Poynting vector, intensity, and total power radiated (this is much simpler than computing the full time-dependent expressions).
- **6.** Griffiths 11.9
- **7.** Griffiths 11.14
- 8. Griffiths 11.21